

Amendment to the Claims:

1. (Currently Amended) A security element disposed in a web surface, comprising:
~~at least one~~ a first surface element, [[of]] said first surface element including (1) electrically
conductive sections and (2) electrically nonconductive sections;
wherein said electrically conductive sections and said electrically non-conductive sections
are parallel with one another; and
~~at least one~~ a second surface element of optical diffraction, including a sequence of (1)
striped metallized zones and (2) striped de-metallized zones;
wherein said striped de-metallized zones alternate in said sequence with said striped
metallized zones;
wherein said striped de-metallized zones extend parallel to said striped metallized zones;
and
wherein said striped metallized zones and said striped de-metallized zones have thickness
providing for diffraction of optical wavelengths.
2. (Currently Amended) The security element of claim 1, wherein ~~[[the]]~~ at least two of said
electrically conductive sections ~~[[are of]]~~ have different electrical conductivities from one
another.
3. (Currently Amended) The security element of claim 1, wherein ~~[[the]]~~ said first surface
element and said second surface element~~[[s]]~~ are interdigitated.
4. (Cancelled)
5. (Currently Amended) The security element of claim 1, wherein ~~[[the]]~~ said electrically
conductive sections of said first surface element are made of metal.
6. (Currently Amended) The security element of claim 1, wherein ~~[[the]]~~ said electrically

conductive sections of said first surface element are made of electrically conductive ink.

7. (Currently Amended) The security element of claim 6, wherein ~~[[the]]~~ said electrically non-conductive sections of said first surface element are made of ink visually indistinguishable from ~~[[the]]~~ said electrically conductive ink.

8. (Currently Amended) The security element of claim 1, wherein at least one of ~~[[the]]~~ said electrically conductive~~[[,]]~~ sections, said electrically non-conductive sections and optical diffraction surface elements, and said striped metallized zones, and said striped de-metallized zones is magnetically responsive.

9. (New) The security element of claim 6, wherein said electrically conductive sections are the same color as said electrically non-conductive sections.